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PRESS RELEASE

**DENISON ANNOUNCES CAD\$20M BOUGHT DEAL PRIVATE PLACEMENT
OF COMMON AND FLOW-THROUGH SHARES**

Toronto, ON – February 16, 2017 Denison Mines Corp. ("Denison" or the "Company") (DML: TSX, DNN: NYSE MKT) is pleased to announce that it has entered into an agreement with Paradigm Capital Inc., on behalf of a syndicate of underwriters (together, the "Underwriters"), under which the Underwriters have agreed to purchase, on a "bought deal" private placement basis, 5,790,000 common shares of the Company (the "Common Shares") at a price of CAD\$0.95 per Common Share, 8,482,000 flow-through common shares (the "Tranche A Flow-Through Shares"), at a price of CAD\$1.12 per share, and a further 4,065,000 flow-through common shares (the "Tranche B Flow-Through Shares" and together with the Tranche A Flow-Through Shares the "Flow-Through Shares") at a price of CAD\$1.23 per share, for total gross proceeds of CAD\$20,000,290 (the "Offering").

The Company has granted the Underwriters an option to increase the gross proceeds of the Offering by up to 15% (the "Underwriters' Option"), exercisable in whole or in part at any time for a period of up to 48 hours prior to the closing date. The Underwriters' option will be exercisable in Common Shares only. The Underwriters will seek to arrange for substituted purchasers for the Common Shares and Flow-Through Shares in one or more provinces of Canada.

The closing of the Offering is expected to occur on or about March 9, 2017 and is subject to the completion of formal documentation and receipt of regulatory approvals, including the approval of the Toronto Stock Exchange and the NYSE MKT. The Common Shares and Flow-Through Shares issued in connection with the Offering will be subject to a statutory hold period in accordance with applicable securities legislation. The purchasers of the Tranche B Flow-Through Shares may, as part of charitable donation arrangements, subsequently donate such shares to "qualified donees", as defined in the *Income Tax Act* (Canada).

The Company intends to use the gross proceeds from the sale of the Flow-Through Shares for "Canadian exploration expenses" (within the meaning of the *Income Tax Act* (Canada)), related to the Company's Canadian uranium mining exploration projects in Saskatchewan. The Company has also agreed to renounce such Canadian exploration expenses with an effective date of no later than December 31, 2017. The Company intends to use the gross proceeds from the sale of the Common Shares for exploration and development activities at the Company's Canadian uranium mining projects in Saskatchewan, and for general corporate purposes.

About Denison

Denison is a uranium exploration and development company with interests focused in the Athabasca Basin region of northern Saskatchewan. Including its 60% owned Wheeler River project, which hosts the high grade Phoenix and Gryphon uranium deposits, Denison's exploration portfolio consists of numerous projects covering over 350,000 hectares in the infrastructure rich eastern Athabasca Basin. Denison's interests in Saskatchewan also include a 22.5% ownership interest in the McClean Lake joint venture, which includes several uranium deposits and the McClean Lake uranium mill, which is currently processing ore from the Cigar Lake mine under a toll milling agreement, plus a 25.17% interest in the

Midwest deposit and a 63.01% interest in the J Zone deposit on the Waterbury Lake property. Both the Midwest and J Zone deposits are located within 20 kilometres of the McClean Lake mill.

Denison is also engaged in mine decommissioning and environmental services through its Denison Environmental Services division and is the manager of Uranium Participation Corp., a publicly traded company which invests in uranium oxide and uranium hexafluoride.

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Cautionary Statement Regarding Forward-Looking Statements

Certain information contained in this press release constitutes "forward-looking information", within the meaning of the United States Private Securities Litigation Reform Act of 1995 and similar Canadian legislation concerning the business, operations and financial performance and condition of Denison. Generally, these forward-looking statements can be identified by the use of forward-looking terminology such as "plans", "expects", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "believes", or the negatives and/or variations of such words and phrases, or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur", "be achieved" or "has the potential to". In particular, this press release contains forward-looking information pertaining to the following: the financing and the anticipated closing and use of proceeds thereof and qualification of the securities for charitable donation arrangements.

Forward-looking statements are based on the opinions and estimates of management as of the date such statements are made, and they are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of Denison to be materially different from those expressed or implied by such forward-looking statements. Denison believes that the expectations reflected in this forward-looking information are reasonable but there can be no assurance that such statements will prove to be accurate and may differ materially from those anticipated in this forward looking information. For a discussion in respect of risks and other factors that could influence forward-looking events, please refer to the "Risk Factors" in Denison's Annual Information Form dated March 24, 2016 available under its profile at www.sedar.com and in its Form 40-F available at www.sec.gov/edgar.shtml. These factors are not, and should not be construed as being, exhaustive.

Accordingly, readers should not place undue reliance on forward-looking statements. The forward-looking information contained in this press release is expressly qualified by this cautionary statement. Denison does not undertake any obligation to publicly update or revise any forward-looking information after the date of this press release to conform such information to actual results or to changes in its expectations except as otherwise required by applicable legislation.

This news release does not constitute an offer to sell or a solicitation of an offer to buy the securities described herein in the United States. The securities described herein have not been and will not be registered under the United States Securities Act of 1933, as amended, and may not be offered, sold or resold in the United States.